

## TEXTILE APPLICATIONS

The Instrumar Fiber System has been in use by textile producers for automotive, consumer apparel and other end markets since 2003. Our technology works to improve our customer's production by spotting errors in real-time that can lead to quality issues like dyeability and defects such as loops, fluffs and blown filaments, as well as giving them a birds-eye-view of their production status and machine efficiency in real-time.

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**“WHEN I’VE GOT INSTRUMAR RUNNING, I CAN’T CREATE ANY BETTER PRODUCT THAN THAT.”**

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### PUTTING THE INSTRUMAR FIBER SYSTEM TO WORK FOR YOU:

The Instrumar Fiber System reliably monitors and detects common textile production problems in real-time, providing you with the ability to immediately react to problems and minimize downgraded product. And by keeping a history of every product and package run, our customers can drastically reduce product changeover times regardless of specifications. With Instrumar, you'll be able to profitably fulfill smaller customer requests and accommodate a wider range of products.

In addition, the Instrumar Fiber System also measures node count continuously on every threadline, and analyzes fiber consistency to spot issues such as operator thread-up errors, inconsistent POY feed yarn, worn nip rollers or texturing disc components, and contaminated heaters or jets. The Instrumar Fiber System drastically reduces inconsistency issues and ensures every meter of your textile fiber meets the needs of your most demanding customers.

At a glance, easy-to-understand graphical displays can communicate your production status in real-time to operators, shift supervisors, production managers and executive personnel alike – giving the right information to the right people.

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**“ALL OF MANAGEMENT CAN LOOK AT ONE SCREEN AND FOCUS IMMEDIATELY.”**

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### COMMON ISSUES THE INSTRUMAR FIBER SYSTEM IS CURRENTLY USED TO DETECT:

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COLOUR STREAKING

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DYEABILITY ISSUES

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NODE COUNT

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FIBER CONSISTENCY

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WORN/CONTAMINATED COMPONENTS (E.G. AIRJETS)

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OPERATOR ERROR

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**“INSTRUMAR ALLOWS US TO SEE QUALITY BEFORE WE MAKE BAD YARN.”**

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### REAPING THE BENEFITS:

Why rely on random or infrequent lab tests to catch issues after they happen? Using advanced analytics software, the Instrumar Fiber System lets you **spot production outliers as they happen** and target your testing resources instead. The insights you'll gain using the Instrumar Fiber System will benefit your entire process.

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**“HAVING INSTRUMAR INSTALLED ALLOWS US TO AVOID DOWNTIME.”**

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Being able to identify poorly running machine positions **allows you to employ more timely, directed maintenance** while features like detailed shift reporting help you understand differences in performance between shifts and identify where training can improve shift productivity.

After installing the Instrumar Fiber System, another customer was not only able to withstand and compete with foreign market dumping, but also successfully moved into the highly competitive swimwear market.

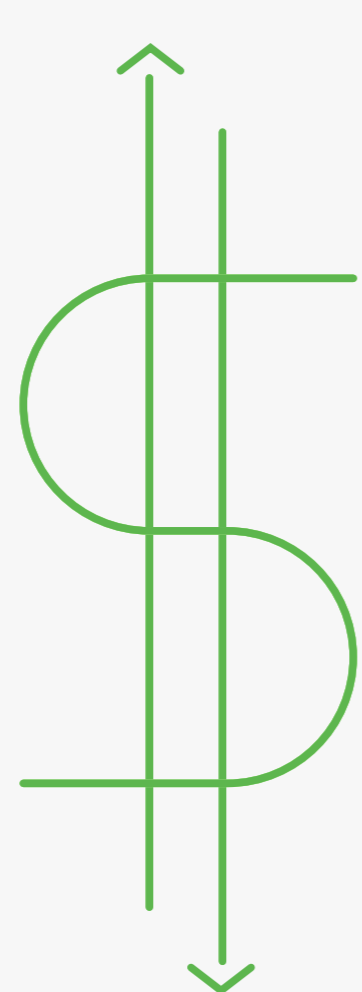
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**“IT’S AMAZING THAT WE CAN GET AS CONSISTENT AS WE CAN”**

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After installing the Instrumar Fiber System, another customer was not only able to withstand and compete with foreign market dumping; but the improvements in their quality and consistency also allowed them to successfully **move into the highly competitive swimwear market.**

Above all else, the most important benefit of the Instrumar Fiber System expressed by our customers is the drastic reduction in customer claims they've achieved. Not only do claims cost you substantial financial compensation, but products returned in claims increase waste and impact your environmental footprint, while seriously damaging your reputation and brand. One Instrumar customer was able to eliminate claims from a high-end athletic brand by 95% after improving their product controls through use of the Instrumar Fiber System.



**95%**

#### ELIMINATION OF CLAIMS

**One Instrumar customer was able to eliminate claims from a high-end athletic brand by 95%** after improving their product controls through use of the Instrumar Fiber System.

### CATCH ISSUES BEFORE THEY COST YOU

Installing the Instrumar Fiber System is like adding a layer of protection to your reputation and brand – contact us today to learn more!